

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (Previously Presented) An electric motor assembly including
a motor housing having an end,
a motor shaft having an end adjacent said motor housing end,
means for rotatably mounting said motor shaft in said motor housing, the orientation
of the motor shaft defining a motor shaft axis direction,
an opening in said motor housing that provides access to said motor shaft end from
outside said motor housing,
a module housing having an end,
a module shaft having an end adjacent said module housing end,
means for rotatably mounting said module shaft in said module housing in said shaft
axis direction,
an opening in said module housing that provides access to said module shaft end from
outside said module housing,
means for mounting said module housing end on said motor housing end,
means for drivingly connecting said module shaft end to said motor shaft end,
means for preventing said module housing from rotating relative to said motor
housing,
means for slidably attaching for shaft axis direction movement relative to each other
said module housing and said motor housing,

said module shaft end and said motor shaft end being located relative to their respective housings so that they can be drivingly connected to each other without the module housing and the motor housing interfering with the connection, wherein said means for drivingly connecting said module shaft end to said motor shaft end and for said means for slidably attaching for shaft axis direction movement relative to each other said module housing and said motor housing comprises a keyed end in one of said module shaft and said motor shaft ends, and a mating keyed opening in said other of said module shaft and said motor shaft ends.

2. (Cancelled)

3. (Previously Presented) An electric motor in accordance with Claim 1 wherein said means for mounting said module housing end on said motor housing end and said means for preventing said module housing from rotating relative to said motor housing comprises means fixedly attaching said module housing end on said motor housing end.

4. (Previously Presented) An electric motor assembly including
a motor housing having an end,
a motor shaft having an end adjacent said motor housing end,
means for rotatably mounting said motor shaft in said motor housing, the orientation
of the motor shaft defining a motor shaft axis direction,
an opening in said motor housing that provides access to said motor shaft end from
outside said motor housing,
a module housing having an end,
a module shaft having an end adjacent said module housing end,
means for rotatably mounting said module shaft in said module housing in said shaft
axis direction,
an opening in said module housing that provides access to said module shaft end from
outside said module housing,
means for mounting said module housing end on said motor housing end,
means for drivingly connecting said module shaft end to said motor shaft end,
means for preventing said module housing from rotating relative to said motor
housing,
means for slidably attaching for shaft axis direction movement relative to each other
said module housing and said motor housing,
said module shaft end and said motor shaft end being located relative to their
respective housings so that they can be drivingly connected to each other without the module
housing and the motor housing interfering with the connection, wherein said means for
drivingly connecting said module shaft end to said motor shaft end and said means for

mounting said module housing end on said motor housing end comprises a threaded end in one of said module shaft and said motor shaft ends, and a threaded opening in said other of said module shaft and said motor shaft ends.

5. (Original) An electric motor in accordance with Claim 4 wherein said means for preventing said module housing from rotating relative to said motor housing and said means for slidably attaching for shaft axis direction movement relative to each other said module housing and said motor housing comprises means for slidably attaching for shaft axis direction movement relative to each other said module housing end on said motor housing end.

6. (Original) An electric motor in accordance with Claim 5 wherein said means for slidably attaching said module housing end on said motor housing end comprises a post on one of said module housing and said motor housing and a mating indentation on the other of said module housing and said motor housing.

7. (Original) An electric motor in accordance with Claim 1 wherein said module includes a governor, said governor including a central governor mount having a central bore that receives said module shaft,

a spring housing coaxial with said governor mount central bore,

a spring in said spring housing and between an end of said module shaft and said spring housing, and

two L-shaped governor arms pivotally mounted on opposite sides of said governor mount so that as said governor mount spins faster, one part of said L-shaped arms moves radially outward and pivots said arms and said other part of L-shaped arm presses the governor mount away from said spring housing along said module shaft.

8. (Previously Presented) An electric motor in accordance with Claim 1 wherein said module further includes a snap switch, said snap switch being attached to said module housing and including two contacts biased to an open position, and a switch arm adjacent said contacts so that, when said arm is moved toward said contacts, said arm closes said contacts, said switch arm being in contact with said governor mount and extending into said module housing.

9. (Currently Amended) An electric motor comprising:

a motor housing;

a rotor coupled to the motor housing and supported for rotation about a motor shaft axis that defines an axial direction;

a module housing coupled to the motor housing and movable in the axial direction with respect to the motor housing; and

a governor including a module shaft coupled to the rotor for rotation, the governor disposed substantially within the module housing, wherein the module shaft is threadably engaged with the motor rotor.

10. (Previously Presented) The electric motor of claim 9, further comprising a switch disposed within a switch housing separate from the module housing, the switch housing coupled to the module housing.

11. (Cancelled)

12. (Previously Presented) An electric motor in accordance with claim 4 wherein said module includes a governor, said governor including a central governor mount having a central bore that receives said module shaft,

a spring housing coaxial with said governor mount central bore,

a spring in said spring housing and between an end of said module shaft and said spring housing, and

two L-shaped governor arms pivotally mounted on opposite sides of said governor mount so that as said governor mount spins faster, one part of said L-shaped arms moves radially outward and pivots said arms and said other part of L-shaped arm presses the governor mount away from said spring housing along said module shaft.

13. (Previously Presented) An electric motor in accordance with claim 4 wherein said module further includes a snap switch, said snap switch being attached to said module housing and including two contacts biased to an open position, and a switch arm adjacent said contacts so that, when said arm is moved toward said contacts, said arm closes said contacts, said switch arm being in contact with said governor mount and extending into said module housing.